

<b>INFORMATION DISCLOSURE STATEMENT</b>	Application #	10/549,808
	Confirmation #	7965
	Filing Date	September 19, 2005
	First Inventor	PHILIPPOU
	Art Unit	1745
	Examiner	
	Docket #	P08753US00/MP

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

**This IDS is submitted pursuant to 37 CFR. §1.97-1.98 and includes the following:**

- A listing of the references on PTO-1449.
- A copy of all non-US references which are listed on the PTO-1449 (US refs not required).
- A copy of a corresponding foreign **Search Report** which explains the relevance of the references noted therein.
- Copies of the **International Preliminary Report on Patentability and Written Opinion of the International Searching Authority**.

**Please note the following particulars concerning the filing of this IDS:**

- 1. This IDS is filed at whichever is the latest of:
  - within three months of the filing date of a NATIONAL APPLICATION other than a CPA, or
  - within three months of the date of entry into the NATIONAL STAGE as set forth in 37 CFR. §1.491 in an international application, or
  - before the mailing date of a first Office Action on the merits or after filing of an RCE (*but if a first Office Action is mailed but not yet received and the date on the face of the attached foreign communication makes it evident that this IDS is submitted within three months from the mailing of the search report, then applicant is entitled to have this IDS considered under 2.B. below and such boxes should be considered as having been checked*).
- 2. This IDS is filed **after a first Office Action**, but before a Final Action, Allowance, or any other action which closes prosecution, and:
  - A. Is accompanied by a payment in the amount of \$180.00 required by 37 CFR. §1.17(p).

or

- B. I hereby state that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.
- C. I hereby state that no item of information in this IDS herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c) more than 3 months prior to the filing of this IDS.
- D. An appropriate Statement is attached.

**3.** This IDS is filed **after** a final action or allowance, but on/before payment of the issue fee, and:

A. is accompanied by a payment in the amount of \$180.00 required by 37 CFR. §1.17(p).

and

B. I hereby state that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS.

C. I hereby state that no item of information in this IDS herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR. §1.56(c) more than 3 months prior to the filing of this IDS.

D. An appropriate Statement is attached.

**4.** This IDS does not comply with 37 CFR 1.97-1.98, and is being filed **for placement in the file** pursuant to 37 CFR. §1.97(i)..

**5.** It will also be appreciated that:

- a. It is believed that this IDS complies fully with 37 CFR 1.56 and 1.97-98 and with MPEP § 609; but if for some reason it does not and will not be entered, the examiner is requested to telephone the undersigned so that any deficiency can be timely remedied.
- b. Some of the documents may have markings thereon, but no significance should be attached to those markings.
- c. These documents are not necessarily analogous art.
- d. Where an English language translation of an abstract is provided from a public source, applicant cannot vouch for the accuracy of that translation.

**6.** If no payment is enclosed and a fee is due in connection with this communication or if the payment enclosed is insufficient, the Director is authorized to charge any fee or additional fee due with this communication to Deposit Account No. 12-0555.

Respectfully submitted,

Date: December 4, 2006

  
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By: Marvin Petry

Registration No.: 22752

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<i>Substitute for Form 1449A/PTO</i>		Application #	10/549,808
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**U.S. PATENT DOCUMENTS**

Exam. Initial*	Document No. Number - Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.
	US-2004/0246334	12-09-2004	Philippou (U.S. Equivalent of WO 2003/019299)	
	US-2004/0037959	02-26-2004	Mirkin et al. (U.S. Equivalent of WO 2001/091855)	
	US-5,488,680	01-30-1996	Dragone (U.S. Equivalent of EP 0 702 253)	
	US-			

**FOREIGN PATENT DOCUMENTS**

Exam. Initial*	Country-Number-Kind	Publ. Date MM-DD-YYYY	Name Patentee or Applicant	Relevance Passages/Figs.	Trans- lation

**NON PATENT LITERATURE DOCUMENTS**

Exam. Initial*	Include NAME of the author (in CAPS), Title of Article/Item, Date, Page(s), Volume-Issue No., Publisher, City and/or Country where published	Translation
	EIGLER et al., 'Positioning single atoms with a scanning tunneling microscope', Nature, 5 April 1990, Volume 344, Pages 524-526. Entire article	
	SITTI, 7 October 1998, [online], [retrieved on 22 June 2004]. Retrieved from the internet: <a href="http://dfs.iis.u-tokyo.ac.jp/~shintani/Nano/research.html">URL: http://dfs.iis.u-tokyo.ac.jp/~shintani/Nano/research.html</a> Entire article	
	BOWEN et al., 'Experimental investigation of continuous variable quantum teleportation', Phys Rev A, 10 March 2003, Volume 67. Entire article	
	'The nanoManipulator: A Virtual-Reality Interface to Scanned-Probe Microscopes' [online], March 2002 [retrieved on 22 June 2004]. Retrieved from the internet: <a href="http://www.cs.unc.edu/Research/ProjectSummaries/nano.pdf">URL: http://www.cs.unc.edu/Research/ProjectSummaries/nano.pdf</a> Entire document	
	STERNBACH et al., StarTrek The Next Generation Technical Manual, New York, Pocket Books, 1991. ISBN 0-671-70427-3, pages 90, 91 & 102-109.	
	HATAMURA et al. 'Direct Coupling System between Nanometer World and Human World' in: Proceedings of the IEEE Workshop on Micro Electro Mechanical Systems, New York, IEEE, 1990, pages 203-208.	

Examiner Signature		Date Considered	
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\* Examiner: Initial if considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.